

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Applicant: Donald E. Staunton |) I hereby certify that this correspondence is |
|--|--|
| Serial No.: 09/976,935 | being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in |
| Filed: October 12, 2001 | an envelope addressed to: Mail StopAmendment, Commissioner for Patents, P.O. |
| For: Materials and Methods to Modulate Ligand Binding/Enzymatic Activity of Alpha/Beta Proteins Containing an Allosteric Regulatory Site | Box 1450, Alexandria, VA 22313-1450, on the date shown below. March 24, 2005) |
| Group Art Unit: 1631 | anden In Jamence |
| Examiner: John S. Brusca | Andrew M. Lawrence, Reg. No. 46,130 Attorney for Applicant |

RESPONSE TO OFFICIAL ACTION DATED SEPTEMBER 24, 2004

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This paper is in response to the non-final official action dated September 24, 2004, in the above-referenced patent application.

The Amendments to the Specification section begins on page 2 of this paper.

The Amendments to the Claims section (including a complete listing of claims) begins on page 3 of this paper.

The **Remarks** section begins on page 11 of this paper.